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Subject: Accuracy and Coverage Evaluation Survey - P Sample Sizes for
 the 64 Post-stratum Groups

This memorandum gives P sample sizes from the Census 2000 Accuracy and Coverage Evaluation (A.C.E.) Survey for the 64 post-stratum groups. The post-stratification design for Census 2000 has a maximum number of 448 post-strata resulting from the cross-classification of 64 post-stratum and seven age/sex groups.

P sample sizes are used to determine collapsing procedures. For the A.C.E., if the combined nonmover and outmover sample size is less than 100, the post-stratum is deemed too small and pre-specified collapsing rules are activated. See Haines (2001) for information on collapsing patterns and calculation rules. In general, the P sample size is the sum of the following two components:

- **Nonmover Sample Size:** Number of nonmovers with nonzero residence probability.
- **Outmover Sample Size:** Number of outmovers with nonzero residence probability.

Table 1 presents P sample sizes for each of the 64 post-stratum groups.

Table 1: Census 2000 A.C.E. 64 Post-Stratum Groups - P Sample Sizes

| Race/Hispanic Origin Domain Number* | | Tenure | MSA/TEA | High Return Rate | | | | Low Return Rate | | | |
|---|-------------------------------|-----------|---------------------------|------------------|--------|--------|--------|-----------------|-------|--------|-------|
| | | | | NE | MW | S | W | NE | MW | S | W |
| Domain 7 (Non-Hispanic White or "Some other race") | | Owner | Large MSA MO/MB | 23,571 | 15,750 | 10,401 | 12,927 | 6,298 | 1,515 | 3,043 | 2,101 |
| | | | Medium MSA MO/MB | 11,313 | 26,324 | 22,955 | 18,418 | 1,223 | 2,495 | 6,583 | 4,713 |
| | | | Small MSA & Non-MSA MO/MB | 6,041 | 25,764 | 16,183 | 8,380 | 1,528 | 2,556 | 7,364 | 4,527 |
| | | | All Other TEAs | 9,232 | 15,123 | 9,302 | 7,980 | 4,018 | 2,168 | 22,717 | 6,178 |
| | | Non-Owner | Large MSA MO/MB | 19,802 | | | | 9,031 | | | |
| | | | Medium MSA MO/MB | 22,932 | | | | 7,678 | | | |
| | | | Small MSA & Non-MSA MO/MB | 20,521 | | | | 5,944 | | | |
| | | | All Other TEAs | 12,085 | | | | 5,731 | | | |
| Domain 4 (Non-Hispanic Black) | | Owner | Large MSA MO/MB | 20,576 | | | | 7,500 | | | |
| | | | Medium MSA MO/MB | | | | | | | | |
| | | | Small MSA & Non-MSA MO/MB | 9,047 | | | | 3,750 | | | |
| | | | All Other TEAs | | | | | | | | |
| | | Non-Owner | Large MSA MO/MB | 21,467 | | | | 11,817 | | | |
| | | | Medium MSA MO/MB | | | | | | | | |
| | | | Small MSA & Non-MSA MO/MB | 8,395 | | | | 1,613 | | | |
| | | | All Other TEAs | | | | | | | | |
| Domain 3 (Hispanic) | | Owner | Large MSA MO/MB | 22,770 | | | | 6,445 | | | |
| | | | Medium MSA MO/MB | | | | | | | | |
| | | | Small MSA & Non-MSA MO/MB | 7,628 | | | | 3,892 | | | |
| | | | All Other TEAs | | | | | | | | |
| | | Non-Owner | Large MSA MO/MB | 28,462 | | | | 11,730 | | | |
| | | | Medium MSA MO/MB | | | | | | | | |
| | | | Small MSA & Non-MSA MO/MB | 6,537 | | | | 2,158 | | | |
| | | | All Other TEAs | | | | | | | | |
| Domain 5 (Native Hawaiian or Pacific Islander) | | Owner | 1,300 | | | | | | | | |
| | | Non-Owner | 1,327 | | | | | | | | |
| Domain 6 (Non-Hispanic Asian) | | Owner | 15,270 | | | | | | | | |
| | | Non-Owner | 9,889 | | | | | | | | |
| American Indian or Alaska Native | Domain 1 (On Reservation) | Owner | 8,529 | | | | | | | | |
| | | Non-Owner | 4,444 | | | | | | | | |
| | Domain 2 (Off Reservation) | Owner | 2,154 | | | | | | | | |
| | | Non-Owner | 1,680 | | | | | | | | |

* For Census 2000, persons can self-identify with more than one race group. For post-stratification purposes, persons are included in a single Race/Hispanic Origin Domain. This classification does not change a person's actual response. Further, all official tabulations are based on actual responses to the census.

References

Haines, D. (2001), "Accuracy and Coverage Evaluation Survey: Computer Specifications for Person Dual System Estimation (U.S.) - Re-issue of Q-37," DSSD Census 2000 Procedures and Operations Memorandum Series # Q-48.